

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,081,643 B2
APPLICATION NO. : 10/781508
DATED : July 25, 2006
INVENTOR(S) : Jeong-Seok Lee et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

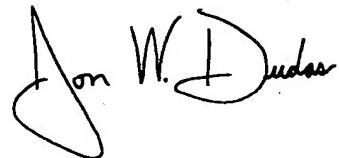
Title page

Item [73], Assignee, should read as follows:

--Samsung Electronics Co., Ltd.--

Signed and Sealed this

Sixteenth Day of January, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office